L Number	Hits	Search Text	DB	Time stamp
-	50	kinugawa-hiroyuki.in.	USPAT; US-PGPUB;	2004/04/12 15:33
_	. 0	jp-14155713-\$.did.	EPO; JPO; DERWENT USPAT; US-PGPUB;	2004/03/31 14:09
		123/90.15-90.18,90.27,90.31.ccls.	EPO; JPO; DERWENT USPAT;	2004/04/01
_	5314	123/90.13-90.10,90.27,90.31.0015.	US-PGPUB; EPO; JPO;	16:51
-	1244	92/160,161.ccls.	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/03/31 14:10
-	1	123/90.15-90.18,90.27,90.31.ccls. and 92/5L.ccls.	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/31 14:11
_	0	92/160,161.ccls. and 92/5L.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/31 14:11
_	2	92/160,161.ccls. and 123/90.15-90.18,90.27,90.31.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/31 14:13
_	2277	<pre>(rotor or rotary) same (lock or prevent\$3 or fix\$3) near2 rotat\$3 with (bore or hole or cylinder)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/31 14:16
_	19	123/90.15-90.18,90.27,90.31.ccls. and ((rotor or rotary) same (lock or prevent\$3 or fix\$3) near2 rotat\$3 with (bore or hole or cylinder))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/03/31 14:16
_	214	(phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/12 15:34
_	73	((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/01 17:22
-	2	123/90.15-90.18,90.27,90.31.ccls. ((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and	USPAT; US-PGPUB; EPO; JPO;	2004/04/01 17:26
-	5	92/5L,120-125.ccls. ((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/04/01 17:26
_	399	464/160,161.ccls. (phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock\$3 near2 pin	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/04/01 17:21
_	227	(phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same locking near2 pin	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/01 17:27

		1761	// language of the control of the co	USPAT;	2004/04/01
-		176	((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC)	USPAT; US-PGPUB;	17:28
			same locking near2 pin) not (((phaser or	EPO; JPO;	17.20
		i	adjuster or (variable near2 (valve or	DERWENT	
			timing)) or VCT or VVT or VTC) same lock		
			near2 pin) or (((phaser or adjuster or		
			(variable near2 (valve or timing)) or VCT		
			or VVT or VTC) same lock near2 pin) and		
	1		123/90.15-90.18,90.27,90.31.ccls.) or		
			(((phaser or adjuster or (variable near2		
			(valve or timing)) or VCT or VVT or VTC)		
	1	İ	same lock near2 pin) and		
	ľ		92/5L,120-125.ccls.))		5004/04/01
-		36	(((phaser or adjuster or (variable near2	USPAT;	2004/04/01
			(valve or timing)) or VCT or VVT or VTC)	US-PGPUB;	17:30
1	İ		same locking near2 pin) not (((phaser or	EPO; JPO;	•
	1		adjuster or (variable near2 (valve or	DERWENT	1
			timing)) or VCT or VVT or VTC) same lock		
	-		near2 pin) or (((phaser or adjuster or		
			(variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and		
1		ļ	123/90.15-90.18,90.27,90.31.ccls.) or		
			(((phaser or adjuster or (variable near2		
			(valve or timing)) or VCT or VVT or VTC)		
			same lock near2 pin) and		
			92/5L,120-125.ccls.))) and		
			123/90.15-90.18,90.27,90.31.ccls.		
_		1	(((phaser or adjuster or (variable near2	USPAT;	2004/04/01
			(valve or timing)) or VCT or VVT or VTC)	US-PGPUB;	17:36
			same locking near2 pin) not (((phaser or	EPO; JPO;	
			adjuster or (variable near2 (valve or	DERWENT	
			timing)) or VCT or VVT or VTC) same lock		
			near2 pin) or (((phaser or adjuster or		
			(variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and		
1	1		123/90.15-90.18,90.27,90.31.ccls.) or		
			(((phaser or adjuster or (variable near2		
			(valve or timing)) or VCT or VVT or VTC)		
			same lock near2 pin) and		
			92/5L,120-125.ccls.))) and		
			92/5L,120-125.ccls.		
_		2	(((phaser or adjuster or (variable near2	USPAT;	2004/04/01
			(valve or timing)) or VCT or VVT or VTC)	US-PGPUB;	17:36
			same locking near2 pin) not (((phaser or	EPO; JPO;	
			adjuster or (variable near2 (valve or	DERWENT	
	:		timing)) or VCT or VVT or VTC) same lock		
			near2 pin) or (((phaser or adjuster or		
			(variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and	1	
			123/90.15-90.18,90.27,90.31.ccls.) or		
1			(((phaser or adjuster or (variable near2		
			(valve or timing)) or VCT or VVT or VTC)	1	
			same lock near2 pin) and		
			92/5L,120-125.ccls.))) and		
			464/160,161.ccls.		
-	•	599	(phaser or adjuster or (variable near2	USPAT;	2004/04/01
			(valve or timing)) or VCT or VVT or VTC)	US-PGPUB;	17:27
			same lock\$ near2 (mechanism or piston)	EPO; JPO;	
				DERWENT	2004/04/01
-		593	(phaser or adjuster or (variable near2	USPAT;	2004/04/01 17:28
			(valve or timing)) or VCT or VVT or VTC)	US-PGPUB; EPO; JPO;	17.20
			same lock\$3 near2 (mechanism or piston)	DERWENT	
1		I		1	

	ESE	((phaser or adjuster or (variable near2	USPAT;	2004/04/01
-	525	(valve or timing)) or VCT or VVT or VTC)	US-PGPUB;	17:28
		(valve or timing)) of ver of vvi of vie)		17.20
		<pre>same lock\$3 near2 (mechanism or piston))</pre>	EPO; JPO;	
		not (((phaser or adjuster or (variable	DERWENT	
İ		near2 (valve or timing)) or VCT or VVT or		
		VTC) same lock near2 pin) or (((phaser or		1
	-	adjuster or (variable near2 (valve or		
		timing)) or VCT or VVT or VTC) same lock		
		near2 pin) and		
	·	123/90.15-90.18,90.27,90.31.ccls.) or		
		(((phaser or adjuster or (variable near2		
		((phase) of adjuster of (variable near)		
		(valve or timing)) or VCT or VVT or VTC)		
		same lock near2 pin) and		
		92/5L,120-125.ccls.))		2004/04/01
-	557	((phaser or adjuster or (variable near2	USPAT;	2004/04/01
		(valve or timing)) or VCT or VVT or VTC)	US-PGPUB;	17:29
		same lock\$3 near2 (mechanism or piston))	EPO; JPO;	
		not ((((phaser or adjuster or (variable	DERWENT	
		near2 (valve or timing)) or VCT or VVT or		
		VTC) same locking near2 pin) not		
		(((phaser or adjuster or (variable near2		
		(((phaser or adjuster or (variable hears		
		(valve or timing)) or VCT or VVT or VTC)		
		same lock near2 pin) or (((phaser or		
		adjuster or (variable near2 (valve or		
		timing)) or VCT or VVT or VTC) same lock		
		near2 pin) and		
		123/90.15-90.18,90.27,90.31.ccls.) or		
		(((phaser or adjuster or (variable near2		
		(valve or timing)) or VCT or VVT or VTC)		
		same lock near2 pin) and		
		92/5L,120-125.ccls.))) or (((phaser or		
		adjuster or (variable near2 (valve or		
		timing)) or VCT or VVT or VTC) same		
		locking near2 pin) not (((phaser or	1	
		adjuster or (variable near2 (valve or		
		timing)) or VCT or VVT or VTC) same lock		
		near2 pin) or (((phaser or adjuster or		
		(variable near2 (valve or timing)) or VCT		
		or VVT or VTC) same lock near2 pin) and		
		123/90.15-90.18,90.27,90.31.ccls.) or		
		1//mhagan an adjuston an /wariable near?		
		(((phaser or adjuster or (variable near2		
]		(valve or timing)) or VCT or VVT or VTC)		
		same lock near2 pin) and		
		92/5L,120-125.ccls.))) and		
		123/90.15-90.18,90.27,90.31.ccls.) or		
		((((phaser or adjuster or (variable near2		
		(valve or timing)) or VCT or VVT or VTC)		
		same locking near2 pin) not (((phaser or		
		adjuster or (variable near2 (valve or		
		timing)) or VCT or VVT or VTC) same lock		
		ciming) of ver of vvi of viet same fock		
		near2 pin) or (((phaser or adjuster or		1
		(variable near2 (valve or timing)) or VCT		
		or VVT or VTC) same lock near2 pin) and		
		123/90.15-90.18,90.27,90.31.ccls.) or		
		(((phaser or adjuster or (variable near2		
		(valve or timing)) or VCT or VVT or VTC)		
		same lock near2 pin) and		
		92/5L,120-125.ccls.))) and		
		1 22/05/120 180:001-1// 900	1	1
		92/5L,120-125.ccls.))		

- 489	(((phaser or adjuster or (variable near2	USPAT;	2004/04/01
	(valve or timing)) or VCT or VVT or VTC)	US-PGPUB;	17:29
	same lock\$3 near2 (mechanism or piston))	EPO; JPO;	
	not (((phaser or adjuster or (variable	DERWENT	
	near2 (valve or timing)) or VCT or VVT or		
İ	VTC) same lock near2 pin) or (((phaser or		
	adjuster or (variable near2 (valve or		
	timing)) or VCT or VVT or VTC) same lock		
	near2 pin) and		
	123/90.15-90.18,90.27,90.31.ccls.) or (((phaser or adjuster or (variable near2		
ŀ	(valve or timing)) or VCT or VVT or VTC)		
	same lock near2 pin) and		
	92/5L,120-125.ccls.))) not ((((phaser or		
	adjuster or (variable near2 (valve or		
	timing)) or VCT or VVT or VTC) same		İ
	locking near2 pin) not (((phaser or		
	adjuster or (variable near2 (valve or		
1	timing)) or VCT or VVT or VTC) same lock		Į.
	near2 pin) or (((phaser or adjuster or		
	(variable near2 (valve or timing)) or VCT		
	or VVT or VTC) same lock near2 pin) and		
	123/90.15-90.18,90.27,90.31.ccls.) or		
	(((phaser or adjuster or (variable near2		
	(valve or timing)) or VCT or VVT or VTC)		
	same lock near2 pin) and		
	92/5L,120-125.ccls.))) or (((phaser or		
	adjuster or (variable near2 (valve or		
	timing)) or VCT or VVT or VTC) same		
	locking near2 pin) not (((phaser or		
	adjuster or (variable near2 (valve or		
	timing)) or VCT or VVT or VTC) same lock		
	near2 pin) or (((phaser or adjuster or		
	nearz pin) or (((phaser or adjuster or		
,	(variable near2 (valve or timing)) or VCT		
	or VVT or VTC) same lock near2 pin) and		
	123/90.15-90.18,90.27,90.31.ccls.) or	1	
	(((phaser or adjuster or (variable near2		
1	(valve or timing)) or VCT or VVT or VTC)		
	same lock near2 pin) and		
	92/5L,120-125.ccls.))) and		
	123/90.15-90.18,90.27,90.31.ccls.) or		
	((((phaser or adjuster or (variable near2		
	(valve or timing)) or VCT or VVT or VTC)		
	same locking near2 pin) not (((phaser or		
	adjuster or (variable near2 (valve or		
]	timing)) or VCT or VVT or VTC) same lock		
	near2 pin) or (((phaser or adjuster or		1
1	(variable near2 (valve or timing)) or VCT		
	or VVT or VTC) same lock near2 pin) and		
	123/90.15-90.18,90.27,90.31.ccls.) or		
	(((phaser or adjuster or (variable near2		
	(valve or timing)) or VCT or VVT or VTC)		
	same lock near2 pin) and		
	92/5L,120-125.ccls.))) and		
	92/5L,120-125.ccls.))		
	70, 70, 100 100, 0012.,,	4	

				T
_	52	((((phaser or adjuster or (variable near2	USPAT;	2004/04/01
		(valve or timing)) or VCT or VVT or VTC)	US-PGPUB;	17:30
		same lock\$3 near2 (mechanism or piston))	EPO; JPO;	
		not (((phaser or adjuster or (variable	DERWENT	
		not ((phaset of adjuster of (variable	2212	
		near2 (valve or timing)) or VCT or VVT or		
	1	VTC) same lock near2 pin) or (((phaser or		
		adjuster or (variable near2 (valve or		
		timing)) or VCT or VVT or VTC) same lock		
		near2 pin) and		
		123/90.15-90.18,90.27,90.31.ccls.) or		
		(((phaser or adjuster or (variable near2		
		(valve or timing)) or VCT or VVT or VTC)		
		same lock near2 pin) and		
		same fock fleatz pin; and		
		92/5L,120-125.ccls.))) not ((((phaser or		
		adjuster or (variable near2 (valve or		
		timing)) or VCT or VVT or VTC) same		
		locking near2 pin) not (((phaser or		
		adjuster or (variable near2 (valve or		
		timing)) or VCT or VVT or VTC) same lock]
		near2 pin) or (((phaser or adjuster or		
ŀ	1	(variable near2 (valve or timing)) or VCT		1
		or VVT or VTC) same lock near2 pin) and		
		123/90.15-90.18,90.27,90.31.ccls.) or		
		123/90.15-90.18, 90.27, 90.51.CC15.7 Of		
	1	(((phaser or adjuster or (variable near2		
		(valve or timing)) or VCT or VVT or VTC)		
		same lock near2 pin) and		
		92/5L,120-125.ccls.))) or (((phaser or		
		adjuster or (variable near2 (valve or		
		timing)) or VCT or VVT or VTC) same		
		locking near2 pin) not (((phaser or		
		adjuster or (variable near2 (valve or		
		timing)) or VCT or VVT or VTC) same lock		
		near2 pin) or (((phaser or adjuster or		
		(variable near2 (valve or timing)) or VCT		
		(Variable hearz (Varve or ciming)) or ver		
		or VVT or VTC) same lock near2 pin) and		
		123/90.15-90.18,90.27,90.31.ccls.) or		*
		(((phaser or adjuster or (variable near2		
		(valve or timing)) or VCT or VVT or VTC)		
		same lock near2 pin) and		
		92/5L,120-125.ccls.))) and		
		123/90.15-90.18,90.27,90.31.ccls.) or		
		((((phaser or adjuster or (variable near2		
		(valve or timing)) or VCT or VVT or VTC)		
		same locking near2 pin) not (((phaser or		
		adjuster or (variable near2 (valve or		
		timing)) or VCT or VVT or VTC) same lock		
		ciming)) or ver or vvi or vie) same rock	1	
1		near2 pin) or (((phaser or adjuster or		
		(variable near2 (valve or timing)) or VCT		
		or VVT or VTC) same lock near2 pin) and		
		123/90.15-90.18,90.27,90.31.ccls.) or		
		(((phaser or adjuster or (variable near2	1	
		(valve or timing)) or VCT or VVT or VTC)		
		same lock near2 pin) and		
1		92/5L,120-125.ccls.))) and		
		92/5L,120-125.ccls.))) and		
	1	123/90.15-90.18,90.27,90.31.ccls.		
		123/30.10 30.10/30.2//30.31.0013.	. 	

- 0	((((phaser or adjuster or (variable near2	USPAT;	2004/04/01
	(valve or timing)) or VCT or VVT or VTC)	US-PGPUB;	17:36
	same lock\$3 near2 (mechanism or piston))	EPO; JPO;	
	not (((phaser or adjuster or (variable	DERWENT	
	near2 (valve or timing)) or VCT or VVT or		
1	VTC) same lock near2 pin) or (((phaser or		
	VIC) Same rock hearz prin or ((phaser or		
	adjuster or (variable near2 (valve or		
	timing)) or VCT or VVT or VTC) same lock		
	near2 pin) and		l i
	123/90.15-90.18,90.27,90.31.ccls.) or		
	(((phaser or adjuster or (variable near2		
	(valve or timing)) or VCT or VVT or VTC)		
	same lock near2 pin) and		
	92/5L,120-125.ccls.))) not (((phaser or		
į.	adjuster or (variable near2 (valve or		
	timing)) or VCT or VVT or VTC) same		
İ	locking near2 pin) not (((phaser or		Į l
	adjuster or (variable near2 (valve or		
	timing)) or VCT or VVT or VTC) same lock		
	near2 pin) or (((phaser or adjuster or		
	(variable near2 (valve or timing)) or VCT		
	or VVT or VTC) same lock near2 pin) and		
	123/90.15-90.18,90.27,90.31.ccls.) or		
	(((phaser or adjuster or (variable near2		
	(valve or timing)) or VCT or VVT or VTC)		
	same lock near2 pin) and		
	92/5L,120-125.ccls.))) or (((phaser or		
	adjuster or (variable near2 (valve or		
	timing)) or VCT or VVT or VTC) same		
	locking near2 pin) not (((phaser or		
	adjuster or (variable near2 (valve or		
	timing)) or VCT or VVT or VTC) same lock		
	near2 pin) or (((phaser or adjuster or		
	(variable near2 (valve or timing)) or VCT		
	or VVT or VTC) same lock near2 pin) and		
	123/90.15-90.18,90.27,90.31.ccls.) or		
	(((phaser or adjuster or (variable near2		
	(valve or timing)) or VCT or VVT or VTC)		
	same lock near2 pin) and		
1	92/5L,120-125.ccls.))) and		
1	123/90.15-90.18,90.27,90.31.ccls.) or]
	((((phaser or adjuster or (variable near2	1	
	(valve or timing)) or VCT or VVT or VTC)		
1	same locking near2 pin) not (((phaser or	1	
	adjuster or (variable near2 (valve or		. 1
	timing)) or VCT or VVT or VTC) same lock	†	
	near2 pin) or (((phaser or adjuster or		
	(variable near2 (valve or timing)) or VCT		
	or VVT or VTC) same lock near2 pin) and		
	123/90.15-90.18,90.27,90.31.ccls.) or		
	(((phaser or adjuster or (variable near2		
	(((phase) of adjusted of (variable hear)		
	(valve or timing)) or VCT or VVT or VTC)		
	same lock near2 pin) and		
	92/5L,120-125.ccls.))) and		
	92/5L,120-125.ccls.))) and	1	
	92/5L,120-125.ccls.	L	.1.,

		((((phaser or adjuster or (variable near2	USPAT;	2004/04/01
-	5	(valve or timing)) or VCT or VVT or VTC)	US-PGPUB;	17:37
		<pre>same lock\$3 near2 (mechanism or piston))</pre>	EPO; JPO;	
		not (((phaser or adjuster or (variable	DERWENT	
		near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) or (((phaser or		
		adjuster or (variable near2 (valve or		
		timing)) or VCT or VVT or VTC) same lock		
		near2 pin) and		
		123/90.15-90.18,90.27,90.31.ccls.) or		
		(((phaser or adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC)		
		same lock near2 pin) and		
		92/5L,120-125.ccls.))) not (((phaser or		
		adjuster or (variable near2 (valve or		
		timing)) or VCT or VVT or VTC) same locking near2 pin) not (((phaser or	İ	
		adjuster or (variable near2 (valve or		
		timing)) or VCT or VVT or VTC) same lock		
		near2 pin) or (((phaser or adjuster or		
1		(variable near2 (valve or timing)) or VCT or VVT or VTC) same lock near2 pin) and		
		123/90.15-90.18,90.27,90.31.ccls.) or		
]	(((phaser or adjuster or (variable near2		
		(valve or timing)) or VCT or VVT or VTC)		
		same lock near2 pin) and 92/5L,120-125.ccls.))) or ((((phaser or		
		adjuster or (variable near2 (valve or		
		timing)) or VCT or VVT or VTC) same		
		locking near2 pin) not (((phaser or		
		adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock		
		near2 pin) or (((phaser or adjuster or		
		(variable near2 (valve or timing)) or VCT		
		or VVT or VTC) same lock near2 pin) and		
		123/90.15-90.18,90.27,90.31.ccls.) or (((phaser or adjuster or (variable near2		
		(valve or timing)) or VCT or VVT or VTC)		
		same lock near2 pin) and		
		92/5L,120-125.ccls.))) and 123/90.15-90.18,90.27,90.31.ccls.) or		
		((((phaser or adjuster or (variable near2		
		(valve or timing)) or VCT or VVT or VTC)		
		same locking near2 pin) not (((phaser or		
		adjuster or (variable near2 (valve or timing)) or VCT or VVT or VTC) same lock		
		near2 pin) or (((phaser or adjuster or		
		(variable near2 (valve or timing)) or VCT		
		or VVT or VTC) same lock near2 pin) and		
		123/90.15-90.18,90.27,90.31.ccls.) or (((phaser or adjuster or (variable near2		
		(valve or timing)) or VCT or VVT or VTC)		
1		same lock near2 pin) and		
		92/5L,120-125.ccls.))) and 92/5L,120-125.ccls.))) and		
		464/160,161.ccls.	ļ	
-	1748	123/90.17.ccls.	USPAT;	2004/04/01 17:38
			US-PGPUB; EPO; JPO;	17:30
			DERWENT	
_	3	5826552.URPN.	USPAT	2004/04/01
		/# 4050570W 1 #5000014W 1 #5724020W 1	USPAT	17:40 2004/04/01
_	4	("4858572" "5666914" "5724929" "5738056").PN.	USPAI	17:41
_			USPAT;	2004/04/12
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